



# UNITED STATES PATENT AND TRADEMARK OFFICE

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## NOTICE OF ALLOWANCE AND FEE(S) DUE

26646

7590

01/14/2004

KENYON & KENYON ONE BROADWAY NEW YORK, NY 10004

EXAMINER WEGERT, SANDRA L PAPER NUMBER ART UNIT 1647

DATE MAILED: 01/14/2004

	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLICATION NO.	FILLING DATE		3347-101P	3425
09/299,562	04/27/1999	LAJOS HEGEDUS	2241-1012	*

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING PLASMA PROTEIN

				TOTAL FEE(S) DUE	DATE DUE
APPLN. TYPE	SMALL ENTITY	ISSUE FEB	PUBLICATION FEE		
nonorovisional	NO	\$1330	50	\$1330	04/14/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents

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(703) 746-4000 INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. or Fax Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block I) 01/14/2004 7590 26646 Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below. KENYON & KENYON ONE BROADWAY NEW YORK, NY 10004 (Depositor's min (Signat ATTORNEY DOCKET NO. CONFIRMATION NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 3425 3347-101P LAJOS HEGEDUS 04/27/1999 09/299,562 TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING PLASMA PROTEIN DATE DUE TOTAL FEE(S) DUE PUBLICATION FEE ISSUE FEE SMALL ENTITY APPLN. TYPE 04/14/2004 \$1330 \$0 \$1330 NO nonprovisional CLASS-SUBCLASS ART UNIT EXAMINER 514-776000 1647 WEGERT, SANDRA L Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single C) Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent D "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) stached. Use of a Customer afformeys or agents. If no name is listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. Inclusion of assignce data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE ☐ individual ☐ corporation or other private group entity ☐ government Please check the appropriate assignee category or categories (will not be printed on the patent); 4b. Payment of Fee(s): 4a. The following fee(s) are enclosed: A check in the amount of the fee(s) is enclosed. D Issue Fee C Payment by credit card. Form PTO-2038 is attached. Q Publication Fee The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_\_(enclose an extra copy of this form). Advance Order - # of Copies Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Date) (Authorized Signature) NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignce or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. BOX 1450 Alexandria, Virginia 22313-1450

		NOTATE I	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
APPLICATION NO. FILIN		ING DATE		3347-101P	3425	
09/299,562 04/27/1999		4/27/1999	LAJOS HEGEDUS	EXAMINER		
26646	7590	01/14/2004		WEGERT, SANDRA L		
KENYON &	KENYON Way			ART UNIT	PAPER NUMBER	
NEW YORK, NY 10004				1647		
		•		DATE MAILED: 01/14/200	4	

# Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

	Application No.	Applicant(s)	
	00/200 562	HEGEDUS ET AL.	
Notice of Allowability	09/299,562 Examiner	Art Unit	
	Sandra Wegert	1647	
The MAILING DATE of this communication Il claims being allowable, PROSECUTION ON THE MERIT erewith (or previously mailed), a Notice of Allowance (PTOI OTICE OF ALLOWABILITY IS NOT A GRANT OF PATE If the Office or upon petition by the applicant. See 37 CFR	L-85) or other appropriate community RIGHTS. This application is s	micration will be mailed in due course.	THIS initiativ
∑ This communication is responsive to 9/11/2003.			
☐ The allowed claim(s) is/are 141-181 (renumbered as	<u>1-41)</u> .		
The drawings filed on are accepted by the Exa	miner.		
Acknowledgment is made of a claim for foreign prior	rity under 35 U.S.C. § 119(a)-(d)	or (1).	
a) ⊠ All b) ☐ Some* c) ☐ None of the:			
1.   Certified copies of the priority documents	have been received.		
a Clouded amino of the priority documents	have been received in Application	on No	m the
Copies of the certified copies of the prior	ity documents have been receive	d in this national stage application fro	iii liiC
International Bureau (PCT Rule 17.2(	a)).		
			cific
. Acknowledgment is made of a claim for domestic price reference was included in the first sentence of the sp	ochiconori or an our chairman		Cinc
The state of the s	and annication has been receive	u.	include
<ul> <li>Acknowledgment is made of a claim for domestic price in the first sentence of the specification or in an Appli</li> </ul>	cation Data Sheet. 37 CFR 1.78.	of 121 since a specific reference was	
Applicant has THREE MONTHS FROM THE "MAILING DA	TE* of this communication to file NT of this application. THIS THI	a reply complying with the requirement REE-MONTH PERIOD IS NOT EXTERNAL PROPERTY IN THE PROPERTY OF THE PROPE	
. A SUBSTITUTE OATH OR DECLARATION must be INFORMAL PATENT APPLICATION (PTO-152) white	submitted Note the attached EX	AMINER'S AMENDMENT OF NOTICE	OF
<ol> <li>CORRECTED DRAWINGS (as "replacement sheets (a) including changes required by the Notice of Draw</li> </ol>	") must be submitted. ftsperson's Patent Drawing Revie	w ( PTO-948) attached	
a Clare and Clare Depart No. 10			
	wing correction filed, whi	ch has been approved by the Examine	er.
(b) ☐ including changes required by the attached Exa	miner's Amendment / Comment of	or in the Office action of Paper No	······································
identifying indicia such as the application number (see 37 each sheet. Replacement sheet(s) should be labeled as su	CFR 1.84(c)) should be written on uch in the margin according to 37 C	the drawings in the front (not the back) FR 1.121(d).	of
<ol> <li>DEPOSIT OF and/or INFORMATION about the attached Examiner's comment regarding REQUIREMENT</li> </ol>	deposit of BIOLOGICAL MATERIAL THE DEPOSIT OF BIOLOG	TERIAL must be submitted. Note the ICAL MATERIAL.	10
Attachment(s)		Complete Application (OTO 452)	
1⊠ Notice of References Cited (PTO-892)		formal Patent Application (PTO-152)	
Notice of Draftperson's Patent Drawing Review (PTO-		ummary (PTO-413), Paper No	•
3 Information Disclosure Statements (PTO-1449 or PTC Paper No. 4/11/03	o/SB/08), 7⊠ Examiner's	Amendment/Comment	
4 Examiner's Comment Regarding Requirement for Dep of Biological Material	osit 8⊠ Examiner's 9□ Other	Statement of Reasons for Allowance	

Application/Control Number: 09/299,562

Art Unit: 1647

#### **DETAILED ACTION**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Siu K. Lo on January 6, 2004.

## The application has been amended as follows:

- 1) Claims 24-29, 91, 92 and 96-140 are cancelled.
- 2) The word "claim" was inserted into Claims 147-150, 152, 155-158 and 160-176 where referring back to the independent claim (s).

## REASONS FOR ALLOWANCE

# The following is an examiner's statement of reasons for allowance:

The instant Invention is a composition of a water-insoluble pharmaceutical- such as Paclitaxel® - combined with plasma proteins- such as albumin. The composition is made by a unique process which results in unexpectedly high concentrations of drug in the mixture, stability under processing conditions including lyophilization and reconstitution, and a solution devoid of commonly-used biologically-incompatible solvents (see Inventor's publication: Paál, et al, 2001,

Art Unit: 1647

Eur. J. Biochem, 268: 2197-2191, whole document). The claims of the instant application are directed to compositions each comprising one of several anti-cancer agents, anxiolytics and antibiotics in a controlled aggregation state, combined with one or several human or animal plasma proteins. The claims are free of the prior art as the methods and compositions have not been studied in the prior art. The specification provides experimental evidence of utility and enablement under 35 U.S.C. 112, first paragraph. The claims also meet 35 U.S.C. 112- second paragraph requirements because the claims point out and distinctly claim the invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## Advisory Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sandra Wegert whose telephone number is (703) 308-9346. The examiner can normally be reached Monday - Friday from 9:30 AM to 6:00 PM (Eastern Time). If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Gary Kunz, can be reached at (703) 308-4623.

Official papers filed by fax should be directed to (703) 308-4242. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

SLW

1/6/04

Chabet C. Hemmen

ELIZABETH KEMMERER PRIMARY EXAMINED